



08-22-06

IAP7 Rec'd PCT/PTO 21 AUG 2006

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22511

PATENT TRADEMARK OFFICE

PTO/SB/21 (07-06)

Approved for use through 09/30/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/560,019
	Filing Date	December 8, 2005
	First Named Inventor	Osamu Kawaguchi
	Art Unit	N/A
	Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	Attorney Docket Number	08228/088001

**ENCLOSURES (Check all that apply)**

<input checked="" type="checkbox"/> Fee Transmittal Form - Payment by credit card. Form PTO-2038 <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input checked="" type="checkbox"/> Drawing(s) - 7 pages <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Copy of Notice Return Receipt Postcard
<b>Remarks</b>		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	OSHA LIANG LLP		
Signature			
Printed name	Jonathan P. Osha		
Date	August 21, 2006	Reg. No.	33,986



22511

PATENT TRADEMARK OFFICE

PTO/SB/17 (07-06)

Approved for use through 01/31/2007. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>FEE TRANSMITTAL</b> <b>For FY 2005</b>		<b>Complete if Known</b>	
Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).		Application Number	10/560,019
		Filing Date	December 8, 2005
		First Named Inventor	Osamu Kawaguchi
		Examiner Name	Not Yet Assigned
		Art Unit	N/A
		Attorney Docket No.	08228/088001
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27			
TOTAL AMOUNT OF PAYMENT	(\$)	130.00	

<b>METHOD OF PAYMENT</b> (check all that apply)	
<input type="checkbox"/> Check	<input checked="" type="checkbox"/> Credit Card
<input type="checkbox"/> Money Order	<input type="checkbox"/> None
<input type="checkbox"/> Other (please identify): _____	
<input checked="" type="checkbox"/> Deposit Account	Deposit Account Number: 50-0591
Deposit Account Name: Osha · Liang LLP	
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)	
<input type="checkbox"/> Charge fee(s) indicated below	<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17	<input checked="" type="checkbox"/> Credit any overpayments

<b>FEE CALCULATION</b>							
<b>1. BASIC FILING, SEARCH, AND EXAMINATION FEES</b>							
	<b>FILING FEES</b>		<b>SEARCH FEES</b>		<b>EXAMINATION FEES</b>		
		<b>Small Entity</b>		<b>Small Entity</b>		<b>Small Entity</b>	
<b>Application Type</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fees Paid (\$)</b>
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	
<b>2. EXCESS CLAIM FEES</b>							
						<b>Small Entity</b>	
						<b>Fee (\$)</b>	<b>Fee (\$)</b>
Each claim over 20 (including Reissues)						50	25
Each independent claim over 3 (including Reissues)						200	100
Multiple dependent claims						360	180
<b>Total Claims</b>		<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>	<b>Multiple Dependent Claims</b>		
14		- 20 =	x	=	<b>Fee (\$)</b>		<b>Fee Paid (\$)</b>
HP = highest number of total claims paid for, if greater than 20.							
<b>Indep. Claims</b>		<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>			
7		- 7 =	x	=			
HP = highest number of independent claims paid for, if greater than 3.							
<b>3. APPLICATION SIZE FEE</b>							
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).							
<b>Total Sheets</b>		<b>Extra Sheets</b>	<b>Number of each additional 50 or fraction thereof</b>		<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>	
		- 100 =	/50 (round up to a whole number) x		=		
<b>4. OTHER FEE(S)</b>							
Non-English Specification, \$130 fee (no small entity discount)							
Other (e.g., late filing surcharge): 1618 National Stage English translation after thirty ...						130.00	

<b>SUBMITTED BY</b>			
Signature		Registration No. (Attorney/Agent)	33,986
Name (Print/Type)	Jonathan P. Osha	Telephone	(713) 228-8600
		Date	August 21, 2006

08/25/2006 GFREY1 00000083 10560019

01 FC:1617

130.00 OP



Application No. (if known): 10/560,019

Attorney Docket No.: 08228/088001

## Certificate of Express Mailing Under 37 CFR 1.10

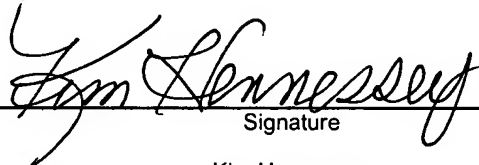
I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV804215180US in an envelope addressed to:

MS Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

22511

PATENT TRADEMARK OFFICE

on August 21, 2006  
Date

  
Signature

Kim Hennessey

Typed or printed name of person signing Certificate

Registration Number, if applicable

(713) 228-8600  
Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Transmittal (1 page)  
Fee Transmittal (1 page)  
Payment by credit card. Form PTO-2038 is attached (1 page)  
Charge \$130.00 to credit card  
Response to Notification of Missing Requirements (2 pages)  
Copy of Notice (2 pages)  
Drawing(s) (7 figures, 7 pages)  
Postcard



Docket No.: 08228/088001  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Osamu Kawaguchi et al.

Application No.: 10/560,019

Filed: December 8, 2005

Confirmation No.: 1075

Art Unit: N/A

For: METHOD FOR OPERATING  
ELECTRODEIONIZATION DEIONIZED  
WATER PRODUCING APPARATUS,  
ELECTRODEIONIZATION DEIONIZED  
WATER PRODUCING SYSTEM, AND  
ELECTRODEIONIZATION DEIONIZED  
WATER PRODUCING APPARATUS

Examiner: Not Yet Assigned

**RESPONSE TO NOTICE TO FILE MISSING REQUIREMENTS**

MS Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**22511**  
PATENT TRADEMARK OFFICE

Dear Sir:

In response to the Notice to File Missing Requirements mailed August 7, 2006,  
Applicant respectfully submits the Drawing(s) (7 figures, 7 pages), and a Copy of the  
Notification.

The Director is hereby authorized to charge any deficiency in the fees filed,  
asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in

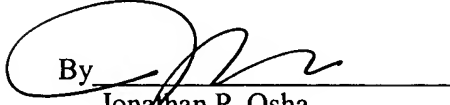
Application No.: 10/560,019

Docket No.: 08228/088001

this application by this firm) to our Deposit Account No. 50-0591, under Order No. 08228/088001.

Dated: August 21, 2006

Respectfully submitted,

By   
Jonathan P. Osha  
Registration No.: 33,986  
OSHA · LIANG LLP  
1221 McKinney St., Suite 2800  
Houston, Texas 77010  
(713) 228-8600  
(713) 228-8778 (Fax)



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/560,019	Osamu Kawaguchi	08228/088001

INTERNATIONAL APPLICATION NO.

PCT/JP04/07615

I.A. FILING DATE

PRIORITY DATE

06/02/2004

06/09/2003

22511  
 OSHA LIANG L.L.P.  
 1221 MCKINNEY STREET  
 SUITE 2800  
 HOUSTON, TX 77010

RECEIVED

AUG 11 2006

OSHA • LIANG LLP

CONFIRMATION NO. 1075

371 FORMALITIES LETTER

Docketed Action:		
<input checked="" type="checkbox"/> New	<input type="checkbox"/> Previously	<input type="checkbox"/> Non Required
Docket Number: 08228/088001		
Attorney Initials: JPD/JPD		
Docketing Initials: NAE		

Date Mailed: 08/07/2006

OC000000019921797\*

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 12/08/2005
- English Translation of the IA filed on 12/08/2005
- Copy of the International Search Report filed on 12/08/2005
- Preliminary Amendments filed on 12/08/2005
- Information Disclosure Statements filed on 12/08/2005
- Oath or Declaration filed on 12/08/2005
- Request for Immediate Examination filed on 12/08/2005
- U.S. Basic National Fees filed on 12/08/2005
- Assignment filed on 12/08/2005
- Priority Documents filed on 12/08/2005

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Translation of the application into English. The current translation of the application into English is defective as described below. Note a processing fee will be required if submitted later than 30 months from the priority date.
  - The text in the drawings has not been properly translated.
- Processing fee of \$130 for providing the translation of the application and/or the Annexes later than 30 months from the priority date (37 CFR 1.492(i)).

#### SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

- \$130 for English translation surcharge required.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

CHARITTA A BURT

Telephone: (703) 308-9140 EXT 207

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/560,019	PCT/JP04/07615	08228/088001